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<u>H Tsunetsugu</u>
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<u>S Bleiler</u>
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<u>Left ventricular relaxation and **filling** pattern in different **forms** of left ventricular hypertrophy: ... - all 2 versions »</u>
P Hanrath, DG Mathey, R Siegert, W Bleifeld - Am J Cardiol, 1980 - ncbi.nlm.nih.gov
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left ventricular hypertrophy: an echocardiographic study. ...
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SA Bleiler, CD Hodgson - Topology, 1996 - ingentaconnect.com
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<u>**Filling** HTML **forms** simultaneously: CoWeb-architecture and functionality - all 5 versions »</u>
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T Bially - Information Theory, IEEE Transactions on, 1969 - ieeexplore.ieee.org
... STATE DIAGRAM ;1 particularly useful and convenient **form** for char- acterizing a
space-**filling** curve is the state diagram, an example of which is shown in Fig. ...
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<u>Double-Layer Quantum Hall Antiferromagnetism at **Filling** Fraction v= 2/m where m is an Odd Integer - all 8 versions »</u>
S Das Sarma, S Sachdev, L Zheng - Physical Review Letters, 1997 - APS
... that we expect similar considerations to apply to all double-layer quantum Hall
systems with n ng 2n1 where a single layer at **filling** n1 **forms** a fullypolarized ...
<u>Cited by 70</u> - <u>Related Articles</u> - <u>Web Search</u> - <u>BL Direct</u>

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M Greiter, XG Wen, F Wilczek - Physical Review Letters, 1991 - APS
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**Elucidation of the Primary and Three-Dimensional Structure of the Uterotonic Polypeptide
Kalata B1** - all 5 versions »
O Saether, DJ Craik, ID Campbell, K Sletten, J ... - Biochemistry, 1995 - pubs.acs.org
... amino acids, including six cysteines which are linked to **form** three disulfide ... points
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create and maintain **form-filling** programs for the hundreds of **forms** they may ...
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**Filling in the Blanks: A Theory of Cognitive Categories and the Structure of Social
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LC Freeman - Social Psychology Quarterly, 1992 - JSTOR
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S Issar - Fifth European Conference on Speech Communication and ..., 1997 - ISCA
... Many database and non-database retrieval tasks can be viewed as **form-filling** tasks. ...
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Quantum liquid versus electron solid around v= 1/5 Landau-level **filling** - all 3 versions »
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most of these activities can be expressed in terms of **forms**, the authors ...
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of the variational and nonvariational **forms** of MST for space-**filling** potentials ...
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D Dennett - 1992 - cogprints.org
... This is a genuine **form** of (informational) **filling** in, not to be confused with
gratuitous rendering needed to "prevent gaps" in the representation. ...
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The effects of a self-educating blood component request form and enforcements of transfusion ... - all 3 versions »
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... read these guidelines whenever they were **filling** out the **forms**. Starting ... **filling**
out the order **form**, they noticed that some requests tried ...
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situation in orthopedic and recon- structive surgery for the **filling** of bone ...
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D Ugarte, T Stöckli, JM Bonard, A Châtelain, WA ... - Applied Physics A: Materials Science & Processing,
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... larger and furthermore, it is in the **form** of continuous filaments (nanowires). Below
we describe our experimental studies on MWNT **filling** using the physical ...
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Form-based File Upload in HTML
E Nebel, L Masinter - 1995 - servlets.com
... as outlined in RFC 1521. It is intended for use in returning the data that
comes about from **filling** out a **form**. In a **form** (in HTML ...
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1 Autocompletion in full text transaction entry: a method for humanized input
M. Jakobsson
April 1986 **ACM SIGCHI Bulletin , Proceedings of the SIGCHI conference on Human factors in computing systems CHI '86**, Volume 17 Issue 4
Publisher: ACM Press

Full text available: 🔲 pdf(674.97 KB)   Additional Information: full citation, abstract, references, citings, index terms

A method for interactive validation of transaction data with autocompletion is introduced and analyzed in a library information system for periodical publications. The system makes it possible to identify the periodicals by using the full title thus making a separate coding phase unnecessary. Only the characters that are needed to distinguish the title from other ones have to be typed. In our library this is in the average 4.3 characters. We have noticed that it is faster to use the auto-co ...

2 A method to simplify filling data entry forms
C. S. Sankar
December 1984 **ACM SIGDOC Asterisk Journal of Computer Documentation**, Volume 10 Issue 4
Publisher: ACM Press
Full text available: 🔲 pdf(273.27 KB)   Additional Information: full citation, abstract, references

Data entry forms are a vital part of information systems in a company or in the federal government. International Data Corporation [1] has projected that, while 44% of today's clerical force has some kind of computer terminal, electronic typewriter, or word processor, by 1986 the ratio of these devices to clerical personnel will exceed 1:1. Most of the clerical personnel will be filling data entry forms, and these data will appear on video screens.

3 NFQL: the natural forms query language
David W. Embley
June 1989 **ACM Transactions on Database Systems (TODS)**, Volume 14 Issue 2
Publisher: ACM Press
Full text available: 🔲 pdf(3.56 MB)   Additional Information: full citation, abstract, references, citings, index terms, review

A means by which ordinary forms can be exploited to provide a basis for nonprocedural specification of information processing is discussed. The Natural Forms Query Language

(NFQL) is defined. In NFQL data retrieval requests and computation specifications are formulated by sketching ordinary forms to show what data are desired and update operations are specified by altering data on filled-in forms. The meaning of a form depends on a store of knowledge that includes extended abstract data typ ...

4   A form-based approach to human engineering methodologies

H. C. Kuo, C. H. Li, J. Ramanathan
September 1982 **Proceedings of the 6th international conference on Software engineering ICSE '82**
Publisher: IEEE Computer Society Press

Full text available: pdf(802.88 KB)   Additional Information: full citation, abstract, references, citings, index terms

Experience in the development and maintenance of software leads to the design of methodologies for different phases of the software engineering process. Such methodologies attempt to usefully support the programmer's thought process for re-creating only good, standard patterns of programming without limiting creativity. However methodologies, as they are generally used, are limited in their impact on software quality. In this paper we present an approach for human engineering methodologies ...

5   Form management

D. Tsichritzis
July 1982 **Communications of the ACM**, Volume 25 Issue 7
Publisher: ACM Press

Full text available: pdf(2.78 MB)   Additional Information: full citation, abstract, references, citings, index terms

This paper consists of three interrelated parts. In the first part forms are intoduced as an abstraction and generalization of business paper forms. A set of facilities for the manipulation of forms and their contents is outlined. Forms can be created, stored, found, viewed in different media, mailed, and located by office workers. Data on forms can also be processed in a completely integrated way. The facilities are discussed both abstractly and in relation to a prototype ...

Keywords: database management, office modeling, office procedures

6   The Hermes language in outline form

Andy Lowry
August 1992 **ACM SIGPLAN Notices**, Volume 27 Issue 8
Publisher: ACM Press

Full text available: pdf(1.41 MB)   Additional Information: full citation, abstract, index terms

Hermes is an experimental language for writing disgributed applications and systems. The language is fully described elsewhere[1]. This report summarizes the major features of The language and provides numerous short code fragments to illustrate the various constructs. Missing from this report is any discussion of user-defined constraints, which are in any case not yet supported in the prototype implementation we have developed. Those wishing to obtain the prototype software may do so via anonym ...

7   Special issue on ill-formed input: Recovery strategies for parsing extragrammatical language

Jaime G. Carbonell, Philip J. Hayes
July 1983 **Computational Linguistics**, Volume 9 Issue 3-4
Publisher: MIT Press

Full text available: pdf(2.59 MB)   Additional Information: <u>full citation</u>, <u>abstract</u>, <u>references</u>, <u>citings</u>
Publisher Site

Practical natural language interfaces must exhibit robust behaviour in the presence of extragrammatical user input. This paper classifies different types of grammatical deviations and related phenomena at the lexical, sentential and dialogue levels and presents recovery strategies tailored to specific phenomena in the classification. Such strategies constitute a tool chest of computationally tractable methods for coping with extragrammaticality in restricted domain natural language. Some of the ...

8   Technical contributions: Forms as a language facility

S. Hekmatpout, D. C. Ince
September 1986 **ACM SIGPLAN Notices**, Volume 21 Issue 9
Publisher: ACM Press
Full text available: pdf(369.09 KB)   Additional Information: <u>full citation</u>, <u>abstract</u>, <u>references</u>

Forms offer considerable potential in office automation systems: they are able to facilitate the changeover from manual to computer-based systems, they provide the correct interface for a wide variety of users and they reflect the logical relationship between entities in an office system. Unfortunately, very few programming languages support this concept. We describe the implementation of forms as an abstract data type in the wide-spectrum language EPROL.

9   Office form definition and processing using a relational data model

Bogdan Czejdo, David W. Embley
January 1984 **ACM SIGOA Newsletter , Proceedings of the second ACM-SIGOA conference on Office information systems**, Volume 5 Issue 1-2
Publisher: ACM Press

Full text available: pdf(761.08 KB)   Additional Information: <u>full citation</u>, <u>abstract</u>, <u>references</u>, <u>citings</u>, <u>index terms</u>

Office forms have a particular structure and semantics that make them a suitable communication medium. The Natural Forms Query Language, NFQL, capitalizes on these features of ordinary forms to provide a communication language between human beings and the computer. Given a form, NFQL analyzes it to deduce plausible interpretations and then generates database queries and function specifications applicable to the form. This paper explains how NFQL recognizes computational relationships betwee ...

10   A formal specification tool for distributed office systems

Hossein Saiedian, Elizabeth A. Unger
June 1991 **ACM SIGSMALL/PC Notes**, Volume 17 Issue 2
Publisher: ACM Press
Full text available: pdf(521.11 KB)   Additional Information: <u>full citation</u>, <u>abstract</u>, <u>references</u>, <u>index terms</u>

Office Automation (OA) is an approach to the new way of handling information in an office and as such there is no universally accepted definition for it. We have defined it as the body of knowledge that is concerned with the analysis, design, implementation, efficiency and application of processes that transform information in an office. The trend toward full office automation has been the result of dramatic fall in the cost of computer hardware and technological advances in the field of communi ...

11   A method to document data entry forms

C. S. Sankar
April 1983 **Proceedings of the 2nd annual international conference on Systems documentation SIGDOC '83**
Publisher: ACM Press

Full text available: 📄 pdf(211.06 KB)   Additional Information: <u>full citation</u>, <u>abstract</u>, <u>references</u>, <u>citings</u>, <u>index terms</u>

All of us receive data entry forms manually and electronically. These forms have to be filled and returned. They vary in size, content and clarity. Frequently parts of them are duplicates, but the duplication is concealed by the use of different terminology. The amount of duplicate input will increase sharply in the future, as more and more forms are communicated electronically. This paper describes a method to document data entry forms. This method converts a paper form to compu ...

12 Consulting forms and how to get them filled out
Margaret Baker
November 1980 **Proceedings of the 8th annual ACM SIGUCCS conference on User services SIGUCCS '80**
Publisher: ACM Press
Full text available: 📄 pdf(56.27 KB)   Additional Information: <u>full citation</u>, <u>abstract</u>, <u>index terms</u>

In an attempt to find the better ways of motivating consultants to fill out consulting forms, we have collected a number of different forms and information about what is actually done with the data. These different approaches will be discussed and we will try to isolate the features that seem to lead to successful documentation of consultation.

13 Formal semantics for time in databases
James Clifford, David S. Warren
June 1983 **ACM Transactions on Database Systems (TODS)**, Volume 8 Issue 2
Publisher: ACM Press
Full text available: 📄 pdf(3.08 MB)   Additional Information: <u>full citation</u>, <u>abstract</u>, <u>references</u>, <u>citings</u>, <u>index terms</u>

The concept of a historical database is introduced as a tool for modeling the dynamic nature of some part of the real world. Just as first-order logic has been shown to be a useful formalism for expressing and understanding the underlying semantics of the relational database model, intensional logic is presented as an analogous formalism for expressing and understanding the temporal semantics involved in a historical database. The various components of the relational model, as extended to i ...

Keywords: entity-relationship model, historical databases, intensional logic, relational database, temporal semantics

14 Formal languages and their relation to automata
John E. Hopcroft, Jeffrey D. Ullman
January 1969 Book
Publisher: Addison-Wesley Longman Publishing Co., Inc.
Full text available: 📄 pdf(12.61 MB)   Additional Information: <u>full citation</u>, <u>abstract</u>, <u>references</u>, <u>cited by</u>, <u>index terms</u>

From the Preface (See Front Matter for full Preface)

The study of formal languages constitutes an important subarea of computer science. This area sprang to life around 1956 when Noam Chomsky gave a mathematical model of a grammar in connection with his study of natural languages. Shortly afterwards, the concept of a grammar was found to be of great importance to the programmer when the syntax of the programming language ALGOL was defined by a context-free grammar. This developm ...

15 A family of new algorithms for soft filling

Kenneth P. Fishkin, Brian A. Barsky
January 1984 **ACM SIGGRAPH Computer Graphics , Proceedings of the 11th annual conference on Computer graphics and interactive techniques SIGGRAPH '84,** Volume 18 Issue 3
Publisher: ACM Press

Full text available: pdf(1.12 MB)   Additional Information: full citation, abstract, references, citings, index terms

Soft filling algorithms change the color of an anti-aliased region, maintaining the anti-aliasing of the region. The two published algorithms for soft filling work only if the foreground region is anti-aliased against a black background. This paper presents three new algorithms. The first fills against a region consisting of any two distinct colors, and is faster than the published algorithms on a pixel-by-pixel basis for an RGB frame buffer; the second fil ...

Keywords: Convex hull, Linear algebra

16 An introduction to constructive shell representations for free-form surfaces and solids
J. P. Menon
June 1993 **Proceedings on the second ACM symposium on Solid modeling and applications SMA '93**
Publisher: ACM Press
Full text available: pdf(1.13 MB)   Additional Information: full citation, references, citings, index terms

17 Improving CISC instruction decoding performance using a fill unit
Mark Smotherman, Manoj Franklin
December 1995 **Proceedings of the 28th annual international symposium on Microarchitecture MICRO 28**
Publisher: IEEE Computer Society Press
Full text available: pdf(965.34 KB)   Additional Information: full citation, references, citings, index terms

18 A form for referees in theoretical computer science
Ian Parberry
December 1994 **ACM SIGACT News,** Volume 25 Issue 4
Publisher: ACM Press
Full text available: pdf(382.58 KB)   Additional Information: full citation, index terms

19 Forms-based automatic program generation
David W. Embley
January 1978 **Proceedings of the 1978 annual conference - Volume 2 ACM '78**
Publisher: ACM Press
Full text available: pdf(449.31 KB)   Additional Information: full citation, abstract, references, index terms

An approach to automatic program generation based on descriptions of data processing operations by means of conventional administrative forms is described. A formal definition of a form provides for the specification and generation of program templates, and a library of knowledge about data objects and their properties provides for a description of data types for items on forms and of relationships among these items. An example shows how an application "programmer" can communica ...

Keywords: Administrative forms, Automatic programming, Data abstractions, Interactive computing, Very high level languages

20 Early specification of user-interfaces: toward a formal approach

J.-P. Jacquot, D. Quesnot

May 1997 **Proceedings of the 19th international conference on Software engineering ICSE '97**

Publisher: ACM Press

Full text available: pdf(1.50 MB)   Additional Information: full citation, references, citings, index terms

Keywords: formal specification, requirement engineering, user-interfaces

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